



Specification

Alizarin Red S Certified

Catalog Number:	AR1003
CAS Number:	130-22-3
C.I. Number:	58005
Synonyms:	Mordant Red 3, Sodium alizarin sulfonate; Alizarin sulfonic acid sodium salt; Alizarin carmine; 3,4-Dihydroxy-9, 10-dioxo-2-anthracenesulfonic acid sodium salt.
Molecular Formula:	C ₁₄ H ₇ O ₇ SNa
Molecular Weight:	342.26
Storage:	15°C – 30°C

Test	Specification
Appearance	Yellow to orange to brown powder
Solubility (0.1% in H ₂ O)	Clear yellow solution
Loss on drying@110 Deg. C	≤ 6%
Visual Transition Interval	From pH 3.5 (yellow) To pH 6.5 (pink and From pH 9.4 (orange) To pH 12.0 (violet)

Approved:

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